

ABSTRACT

The invention disclosed in this patent document relates to transmembrane receptors, more particularly to a human G protein-coupled receptor for which the endogenous ligand is known ("known GPCRs"), and most particularly to mutated (non-endogenous) versions 5 of the known GPCRs for use, most preferably in screening assays for the direct identification of candidate compounds as inverse agonists, agonists and partial agonists.